Jurgen A Marteijn

List of Publications by Year
in descending order

54 papers	4,509 citations	186209 28 h-index	168321 53 g-index
61 all docs	61 docs citations	61 times ranked	6132 citing authors

#	Article	IF	Citations
1	Understanding nucleotide excision repair and its roles in cancer and ageing. Nature Reviews Molecular Cell Biology, 2014, 15, 465-481.	16.1	865
2	RNF168ÂUbiquitinates K13-15 on H2A/H2AX to Drive DNA Damage Signaling. Cell, 2012, 150, 1182-1195.	13.5	516
3	Human USP3 Is a Chromatin Modifier Required for S Phase Progression and Genome Stability. Current Biology, 2007, 17, 1972-1977.	1.8	251
4	UV-sensitive syndrome protein UVSSA recruits USP7 to regulate transcription-coupled repair. Nature Genetics, 2012, 44, 598-602.	9.4	213
5	The core spliceosome as target and effector of non-canonical ATM signalling. Nature, 2015, 523, 53-58.	13.7	212
6	PARP1 promotes nucleotide excision repair through DDB2 stabilization and recruitment of ALC1. Journal of Cell Biology, 2012, 199, 235-249.	2.3	197
7	The DNA damage response to transcription stress. Nature Reviews Molecular Cell Biology, 2019, 20, 766-784.	16.1	184
8	Nucleotide excision repairâ€"induced H2A ubiquitination is dependent on MDC1 and RNF8 and reveals a universal DNA damage response. Journal of Cell Biology, 2009, 186, 835-847.	2.3	167
9	Live-cell analysis of endogenous GFP-RPB1 uncovers rapid turnover of initiating and promoter-paused RNA Polymerase II. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4368-E4376.	3.3	166
10	ATP-dependent chromatin remodeling in the DNA-damage response. Epigenetics and Chromatin, 2012, 5, 4.	1.8	152
11	RNF111/Arkadia is a SUMO-targeted ubiquitin ligase that facilitates the DNA damage response. Journal of Cell Biology, 2013, 201, 797-807.	2.3	129
12	Enhanced Chromatin Dynamics by FACT Promotes Transcriptional Restart after UV-Induced DNA Damage. Molecular Cell, 2013, 51, 469-479.	4.5	127
13	Poly(ADP-ribosyl)ation links the chromatin remodeler SMARCA5/SNF2H to RNF168-dependent DNA damage signaling. Journal of Cell Science, 2013, 126, 889-903.	1.2	113
14	Involvement of Global Genome Repair, Transcription Coupled Repair, and Chromatin Remodeling in UV DNA Damage Response Changes during Development. PLoS Genetics, 2010, 6, e1000941.	1.5	111
15	SUMO and ubiquitin-dependent XPC exchange drives nucleotide excision repair. Nature Communications, 2015, 6, 7499.	5.8	90
16	Role of curcumin and the inhibition of NF-ÎºB in the onset of chemotherapy-induced mucosal barrier injury. Leukemia, 2004, 18, 276-284.	3.3	63
17	Human ISWI complexes are targeted by SMARCA5 ATPase and SLIDE domains to help resolve lesion-stalled transcription. Nucleic Acids Research, 2014, 42, 8473-8485.	6.5	54
18	DNA damage-induced histone H1 ubiquitylation is mediated by HUWE1 and stimulates the RNF8-RNF168 pathway. Scientific Reports, 2017, 7, 15353.	1.6	54

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19	The transcription-coupled DNA repair-initiating protein CSB promotes XRCC1 recruitment to oxidative DNA damage. Nucleic Acids Research, 2018, 46, 7747-7756.	6.5	54
20	The E3 ubiquitin-protein ligase Triad1 inhibits clonogenic growth of primary myeloid progenitor cells. Blood, 2005, 106, 4114-4123.	0.6	52
21	<scp>DNA</scp> damageâ€induced replication stress results in <scp>PA</scp> 200â€proteasomeâ€mediated degradation of acetylated histones. EMBO Reports, 2018, 19, .	2.0	42
22	Elongation factor ELOF1 drives transcription-coupled repair and prevents genome instability. Nature Cell Biology, 2021, 23, 608-619.	4.6	41
23	UVSSA and USP7, a new couple in transcription-coupled DNA repair. Chromosoma, 2013, 122, 275-284.	1.0	39
24	Ubiquitin and TFIIH-stimulated DDB2 dissociation drives DNA damage handover in nucleotide excision repair. Nature Communications, 2020, 11, 4868.	5.8	39
25	Trichothiodystrophy causative TFIIEÎ² mutation affects transcription in highly differentiated tissue. Human Molecular Genetics, 2017, 26, 4689-4698.	1.4	38
26	What happens at the lesion does not stay at the lesion: Transcription-coupled nucleotide excision repair and the effects of DNA damage on transcription in cis and trans. DNA Repair, 2018, 71, 56-68.	1.3	37
27	FACT subunit Spt16 controls UVSSA recruitment to lesion-stalled RNA Pol II and stimulates TC-NER. Nucleic Acids Research, 2019, 47, 4011-4025.	6.5	33
28	WDR82/PNUTS-PP1 Prevents Transcription-Replication Conflicts by Promoting RNA Polymerase II Degradation on Chromatin. Cell Reports, 2020, 33, 108469.	2.9	33
29	Disruption of TTDA Results in Complete Nucleotide Excision Repair Deficiency and Embryonic Lethality. PLoS Genetics, 2013, 9, e1003431.	1.5	32
30	A CSB-PAF1C axis restores processive transcription elongation after DNA damage repair. Nature Communications, 2021, 12, 1342.	5.8	31
31	Gfi1 ubiquitination and proteasomal degradation is inhibited by the ubiquitin ligase Triad1. Blood, 2007, 110, 3128-3135.	0.6	28
32	The ubiquitin ligase Triad1 inhibits myelopoiesis through UbcH7 and Ubc13 interacting domains. Leukemia, 2009, 23, 1480-1489.	3.3	28
33	Ubiquitin at work: The ubiquitous regulation of the damage recognition step of NER. Experimental Cell Research, 2014, 329, 101-109.	1.2	27
34	An immunoaffinity purification method for the proteomic analysis of ubiquitinated protein complexes. Analytical Biochemistry, 2013, 440, 227-236.	1.1	25
35	DNA damage sensitivity of SWI/SNF-deficient cells depends on TFIIH subunit p62/GTF2H1. Nature Communications, 2018, 9, 4067.	5.8	25
36	Diminished proteasomal degradation results in accumulation of Gfi1 protein in monocytes. Blood, 2007, 109, 100-108.	0.6	22

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37	Traveling Rocky Roads: The Consequences of Transcription-Blocking DNA Lesions on RNA Polymerase II. Journal of Molecular Biology, 2017, 429, 3146-3155.	2.0	22
38	DNA damage-induced transcription stress triggers the genome-wide degradation of promoter-bound Pol II. Nature Communications, 2022, 13, .	5.8	21
39	Gearing up chromatin. Nucleus, 2014, 5, 203-210.	0.6	19
40	Fluorescently-labelled CPD and 6-4PP photolyases: new tools for live-cell DNA damage quantification and laser-assisted repair. Nucleic Acids Research, 2019, 47, 3536-3549.	6.5	19
41	Ubiquitylation in normal and malignant hematopoiesis: novel therapeutic targets. Leukemia, 2006, 20, 1511-1518.	3.3	16
42	Amplification of unscheduled DNA synthesis signal enables fluorescence-based single cell quantification of transcription-coupled nucleotide excision repair. Nucleic Acids Research, 2017, 45, gkw1360.	6.5	16
43	Active DNA damage eviction by HLTF stimulates nucleotide excision repair. Molecular Cell, 2022, 82, 1343-1358.e8.	4.5	16
44	SMARCAD1-mediated active replication fork stability maintains genome integrity. Science Advances, 2021, 7, .	4.7	15
45	Bidirectional coupling of splicing and ATM signaling in response to transcription-blocking DNA damage. RNA Biology, 2016, 13, 272-278.	1.5	14
46	Histone H1 eviction by the histone chaperone SET reduces cell survival following DNA damage. Journal of Cell Science, 2020, 133, .	1.2	11
47	Erythropoietic Defect Associated with Reduced Cell Proliferation in Mice Lacking the 26S Proteasome Shuttling Factor Rad23b. Molecular and Cellular Biology, 2013, 33, 3879-3892.	1.1	9
48	Ultra-soft X-ray system for imaging the early cellular responses to X-ray induced DNA damage. Nucleic Acids Research, 2019, 47, e100-e100.	6.5	9
49	UV-induced G2 checkpoint depends on p38 MAPK and minimal activation of ATR-Chk1 pathway. Journal of Cell Science, 2013, 126, 1923-30.	1.2	8
50	Check, Check â€¦Triple Check: Multi-Step DNA Lesion Identification by Nucleotide Excision Repair. Molecular Cell, 2015, 59, 885-886.	4.5	8
51	Noncanonical ATM Activation and Signaling in Response to Transcription-Blocking DNA Damage. Methods in Molecular Biology, 2017, 1599, 347-361.	0.4	5
52	USP44 Stabilizes DDB2 to Facilitate Nucleotide Excision Repair and Prevent Tumors. Frontiers in Cell and Developmental Biology, 2021, 9, 663411.	1.8	5
53	Differential binding kinetics of replication protein A during replication and the pre- and post-incision steps of nucleotide excision repair. DNA Repair, 2014, 24, 46-56.	1.3	3
54	Triad1 Regulates Myelopoiesis through Different Ubiquitin Ligase Activities.. Blood, 2007, 110, 3292-3292.	0.6	0